

### 3. PURPOSE OF THE INITIAL STUDY

Section 21080.09(b) of the Public Resources Code requires that approval of a campus LRDP be supported by an EIR. UC Davis will prepare an EIR for the 2003 UC Davis Long Range Development Plan in compliance with this requirement. As identified in Section 15063(c) of the CEQA Guidelines, the purpose of this Initial Study is to: (1) inform responsible agencies and the public of the nature of the proposed project and its location, (2) identify impacts that will clearly not result or will clearly be less than significant and therefore will not be discussed in the EIR, and (3) provide a general description of the topics intended to be addressed in the EIR.

The environmental factors checked below could be potentially affected by implementation of the 2003 LRDP and/or by cumulative impacts resulting from implementation of the 2003 LRDP in conjunction with other expected developments. These factors will be evaluated in the 2003 LRDP EIR.

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Land Use/Planning      | <input checked="" type="checkbox"/> Hazards & Hazardous Materials | <input checked="" type="checkbox"/> Aesthetics                         |
| <input checked="" type="checkbox"/> Agricultural Resources | <input checked="" type="checkbox"/> Biological Resources          | <input checked="" type="checkbox"/> Public Services                    |
| <input checked="" type="checkbox"/> Population/Housing     | <input checked="" type="checkbox"/> Hydrology/Water Quality       | <input checked="" type="checkbox"/> Recreation                         |
| <input checked="" type="checkbox"/> Transportation/Traffic | <input checked="" type="checkbox"/> Geology/Soils                 | <input checked="" type="checkbox"/> Utilities/Service Systems          |
| <input checked="" type="checkbox"/> Noise                  | <input type="checkbox"/> Mineral Resources                        | <input checked="" type="checkbox"/> Mandatory Findings of Significance |
| <input checked="" type="checkbox"/> Air Quality            | <input checked="" type="checkbox"/> Cultural Resources            |  |

#### 4. DETERMINATION

On the basis of the initial evaluation that follows, I find that:

- \_\_\_ The proposed project is exempt from CEQA pursuant to the general exemption (CEQA Guidelines, 15061(b)(3)), a statutory exemption, and/or a categorical exemption, and that if a categorical exemption, none of the exceptions to the exemption apply. A NOTICE OF EXEMPTION will be prepared.
- \_\_\_ Pursuant to Section 15168(c)(2) of the CEQA Guidelines, the proposed project may incrementally contribute to, but will not exceed, the significant environmental impacts previously identified in the 1994 LRDP EIR, and the project will otherwise result in no new significant environmental impacts. Further, having avoided or mitigated impacts pursuant to the 1994 LRDP EIR, no new mitigation measures, other than those previously identified in the 1994 LRDP EIR, are required. FINDINGS consistent with this determination will be prepared.
- \_\_\_ The proposed project may incrementally contribute to, but will not exceed, significant environmental impacts previously identified in the 1994 LRDP EIR. Further, the proposed project will result in no new significant impacts other than those previously identified in the 1994 LRDP EIR. However, the project will have environmental impacts not previously addressed in the 1994 LRDP EIR, but there is no substantial evidence that such impacts may have a significant impact on the environment. No new mitigation measures, other than those previously identified in the 1994 LRDP EIR, are required. A NEGATIVE DECLARATION will be prepared.
- \_\_\_ The proposed project may incrementally contribute to, but not exceed, certain significant cumulative impacts previously identified in the 1994 LRDP EIR, and that for such impacts, no new mitigation measures, other than those previously identified in the 1994 LRDP EIR, are required. In addition, the project may result in a potentially significant impact not previously identified in the 1994 LRDP EIR, but a proposed project specific mitigation measure would reduce the effect of such impact to a point that clearly no significant impact would occur. On the basis of the Tiered Initial Study and implementation of all proposed project specific mitigation measures, there is no substantial evidence that the project as mitigated may have a significant effect on the environment. A MITIGATED NEGATIVE DECLARATION will be prepared.
- X The proposed project may incrementally contribute to, but will not exceed, certain significant environmental impacts previously identified in the 1994 LRDP EIR. For such impacts, no new mitigation measures, other than those previously identified in the 1994 LRDP EIR, are required and those previously identified measures are incorporated by reference. Further, there is substantial evidence that the project may result in a significant environmental impact that was not previously identified in the 1994 LRDP EIR, and/or will exacerbate a significant environmental impact previously identified in the 1994 LRDP EIR. An ENVIRONMENTAL IMPACT REPORT will be prepared that addresses the new impacts not previously identified in the 1994 LRDP EIR and supplements the 1994 LRDP EIR.

## 5. EVALUATION OF ENVIRONMENTAL EFFECTS

Appendix G of the CEQA Guidelines provides a suggested format to use when preparing an Initial Study. The Environmental Checklist used in this document adopts a slightly different format with respect to response column headings, while still addressing the Appendix G checklist questions for each environmental issue area.

The attached Environmental Checklist uses the following response headings to identify potential environmental effects that will be addressed in the 2003 LRDP EIR:

- (1) **Impact to be Analyzed:** An effect that may or may not be significant that will be addressed in the 2003 LRDP EIR. The effect may be a less-than-significant impact that will be addressed to provide a more comprehensive analysis, an impact for which further analysis is necessary or desirable before a determination about significance can be made, an impact that is potentially significant but may be reduced to a less-than-significant level with the adoption of mitigation measures, or an impact that may be significant and unavoidable. The EIR will address this effect in a program-level analysis for the 2003 LRDP and in a cumulative-level analysis for potential effects associated with growth under the 2003 LRDP and other known and reasonably foreseeable growth in the region. The 2003 LRDP EIR will also include project-specific analyses of this effect, or in some cases will not be required to address the effect, for the proposed NMP, RPMP, Stadium Complex, and HCP.
- (2) **No Additional Analysis Required:** Implementation of the proposed 2003 LRDP, including the proposed NMP, RPMP, Stadium Complex, and HCP, would clearly not result in an impact or would clearly result in a less-than-significant impact under CEQA criteria, and no additional analysis beyond that provided in the Initial Study is necessary.

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

**I. AESTHETICS**

**Would the project:**

**a) Have a substantial adverse effect on a scenic vista?** ■

The 2003 LRDP EIR will inventory current scenic vistas from viewpoints on- and off-campus. Views from the central campus toward the west, from along I-80, and from the City of Davis toward the campus will be included. The 2003 LRDP EIR will assess whether development under the 2003 LRDP program or implementation of the NMP, RPMP, Stadium Complex, or HCP could result in potential adverse effects to identified scenic vistas.

The view from the campus to the west has been previously identified as a significant scenic vista. In particular, the 2003 LRDP EIR will contain a detailed evaluation of potential visual impacts on this view.

**b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**  ■

I-80 and SR 113, the state highways in the vicinity of the campus, are not designated as state scenic highways. Therefore, implementation of the 2003 LRDP would not affect scenic resources within a state scenic highway. No other scenic resources have been identified on campus. No impact would occur and no additional analysis is required. Effects on scenic vistas are discussed in Item I(a), and effects on the campus' visual character or quality are discussed in Item I(c).

**c) Substantially degrade the existing visual character or quality of the site and its surroundings?** ■

The campus and the adjacent City of Davis form a compact urbanized area with a high level of existing and proposed development. Beyond the downtown portion of the City of Davis are residential and commercial developments of decreasing density and intensity. Surrounding the developed portion of the central campus are outlying campus support facilities, low-intensity academic and administrative developments, and land used for agricultural research. Most developed areas in the City of Davis and on the UC Davis campus include trees that define the edge of developed areas and soften the visual appearance of buildings and associated lights, glare, and activity. Trees along the Putah Creek corridor and the scattered trees in and adjacent to agricultural fields also define the visual character of the Davis area. The visual character or quality of the campus and/or the Davis area may be affected by development under the 2003 LRDP.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

The 2003 LRDP EIR will assess the potential for growth under the 2003 LRDP to substantially degrade the visual character of the campus and of surrounding areas. The 2003 LRDP EIR will also address the potential for the NMP, the RPMP, the Stadium Complex, and the HCP to degrade the visual quality of the area.

**d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Implementation of the proposed 2003 LRDP, NMP, the RPMP, and the Stadium Complex would result in new structures with increased sources of light and/or glare. New development under the 2003 LRDP would take place in both currently developed and undeveloped areas, and potential new sources of light or glare would include new buildings, new landscaped areas, new roadway lighting, and lighting for specialized functions such as athletic fields. The 2003 LRDP EIR will review new sources of light and glare to evaluate the potential impacts on day or nighttime views in the area. The project-specific analysis of the proposed HCP will not address this issue because the project would not include new sources of light or glare.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**II. AGRICULTURAL RESOURCES**

**Would the project**

**a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?**

<b>LRDP, NMP, RPMP, HCP</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Stadium Complex</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The 2003 LRDP EIR will evaluate the potential for growth under the 2003 LRDP to convert important farmland as defined by the California Resources Agency to a non-agricultural use. Soils in the Davis area are known for having very high agricultural qualities. The 2003 LRDP EIR will contain a detailed examination of the current agricultural maps prepared by the California Resources Agency and will quantify the expected conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. The 2003 LRDP EIR will also examine potential farmland conversion associated with the proposed NMP, RPMP, and HCP.

The project-specific analysis of the Stadium Complex will not address this issue because the project would be constructed on land designated as Other Land and no conversion of Farmland would occur (California Department of Conservation [CDOC] 1990).

**b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?**

The 2003 LRDP will identify land use changes only for land owned by the University of California. The University of California is not subject to city or county zoning. Due to the specific tax-exempt status of the University of California, land owned by the University of California is not subject to Williamson Act land use/tax contracts. Accordingly, the 2003 LRDP and the proposed NMP, RPMP, Stadium Complex, and HCP would not conflict with existing zoning or with Williamson Act contracts. The Hamel option property is currently under an agricultural Williamson Act Contract. However, if the campus chooses to exercise this option, it is likely the campus would continue to use the land for agricultural field teaching and research. No impact would occur and no further analysis is required.

**c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?**

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

As described above in Item II(b), the 2003 LRDP EIR will quantify all expected direct conversions of Farmland associated with implementation of the 2003 LRDP. In addition, the 2003 LRDP EIR will assess whether changes under the 2003 LRDP could potentially result in other indirect conversions of Farmland on property owned or not owned by the University of California. Such instances could include, but are not limited to, the potential for proposed land uses under the 2003 LRDP to conflict with adjacent agricultural uses, resulting in potential financial, health and safety, or other land use planning pressures that could lead to the conversion of off-campus Farmland to non-Farmland uses. The 2003 LRDP EIR will evaluate the potential environmental effects of such conversion, if any, associated with implementation of the proposed 2003 LRDP, NMP, RPMP, Stadium Complex, and HCP.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**III. AIR QUALITY**

**Would the project:**

<b>a) Conflict with or obstruct implementation of the applicable air quality plan?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Implementation of the proposed 2003 LRDP would result in short- and long-term emissions of criteria air pollutants from mobile and stationary sources. These emissions would contribute to the non-attainment status of the Sacramento Valley Air Basin for ozone and airborne particulate matter. The 2003 LRDP EIR will analyze whether implementation of the 2003 LRDP would conflict with or obstruct implementation of applicable air quality plans. The 2003 LRDP EIR will also contain analyses of project-specific impacts associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

<b>b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

The UC Davis campus is located in the Sacramento Valley Air Basin, a non-attainment zone for ozone and airborne particulate matter. The 2003 LRDP EIR will examine the potential for vehicle and stationary source emissions under the 2003 LRDP (including emissions associated with the proposed NMP, RPMP, Stadium Complex, and HCP) to violate state and federal air quality standards or to contribute to existing air quality violations.

<b>c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The 2003 LRDP EIR will examine the potential impacts of vehicle and stationary source emissions resulting from implementation of the 2003 LRDP (including emissions associated with the proposed NMP, RPMP, Stadium Complex, and HCP) and from other foreseeable projects in the region through 2015-16 to determine whether increases in non-attainment criteria pollutants would be cumulatively considerable.

<b>d) Expose sensitive receptors to substantial pollutant concentrations?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------





**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

2003 LRDP, HCP	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NMP, RPMP, Stadium Complex	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Wetland areas on campus are located adjacent to Putah Creek and the South Fork of Putah Creek. As discussed in Item IV(c), the 2003 LRDP would continue the existing designation of land adjacent to these riparian areas for Open Space Teaching and Research, and the campus HCP would address habitat mitigation and restoration within these areas. The 2003 LRDP EIR will evaluate the potential for the 2003 LRDP and the HCP to adversely or beneficially affect these wetland areas.

The project-specific analyses of the proposed NMP, RPMP, and Stadium Complex would not address this issue because these project sites would not be located near federally protected wetlands.

**d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Native resident or migratory fish may be present in Putah Creek, and the campus provides nesting, roosting, and foraging opportunities for migratory birds. The 2003 LRDP EIR will evaluate the potential for native resident and/or migratory fish to occur in Putah Creek waters adjacent to campus land, and it will identify the potential for native resident and/or migratory birds and any associated flyways or nursery sites to occur on campus. The 2003 LRDP EIR will also evaluate the potential for associated interference or impedance as a result of the proposed 2003 LRDP, NMP, RPMP, Stadium Complex, and HCP.

**e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Activities on the UC Davis campus are exempt under the California constitution from the land use policies of local city or county jurisdictions. However, the 2003 LRDP EIR will evaluate the consistency of the proposed 2003 LRDP, NMP, RPMP, Stadium Complex, and HCP with Federal, State, and campus policies protecting biological resources.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

**f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**



No applicable Habitat Conservation Plan, Natural Community Conservation Plan, or other habitat conservation plan has been adopted that affects the campus. UC Davis is proposing a campus HCP that will identify habitat enhancement, management, and mitigation actions to address potential impacts to endangered species and selected special-status species. The 2003 LRDP EIR will identify any potential conflicts between the proposed HCP and development under the proposed 2003 LRDP, NMP, RPMP, and Stadium Complex.

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

**V. CULTURAL RESOURCES**

**Would the project:**

**a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?**

2003 LRDP, RPMP	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NMP, Stadium Complex, HCP	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Although the 2003 LRDP is a land use plan that does not specifically propose to alter or destroy any potentially historical resources, six properties on or near the campus have been recorded with the California Historical Resources Inventory, and several other properties are considered potentially significant historical properties. Therefore, development under the 2003 LRDP could potentially include adverse changes to these resources. The 2003 LRDP EIR will include a detailed assessment of potential program-level impacts on historical resources caused by implementation of the 2003 LRDP. The project-specific analysis of the RPMP would evaluate the historic significance of the existing building on the project site.

No structures are on the proposed NMP, Stadium Complex, or HCP sites, which are or were recently plowed and irrigated agricultural fields. Therefore, no historic resources would be altered by implementation of the proposed projects, and the project-specific analyses of these projects in the 2003 LRDP EIR will not address this issue.

**b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?**

Prehistoric Native American sites, including burials, have been identified at several locations on the central campus. Therefore, development allowed under the 2003 LRDP would include the potential for adverse changes to significant archaeological resources as defined in Section 15064.5 of the CEQA Guidelines. The 2003 LRDP EIR will include a detailed assessment of potential program-level impacts on archaeological resources caused by implementation of the 2003 LRDP, and it will include project-specific assessments for the proposed NMP, RPMP, Stadium Complex, and HCP.

**c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

The campus does not contain unique paleontological resources or unique geologic features. The lack of unique paleontological or geologic features is due to the extensive and deep alluvial deposition of fairly uniform soil types in the project area. During the course of development at UC Davis, extensive excavation for buildings and infrastructure and extensive agricultural operations have not revealed the presence of unique paleontological or geologic resources. No impact would occur, and no additional analysis is required.

**d) Disturb any human remains, including those interred outside of formal cemeteries?**                                       

The 2003 LRDP EIR will evaluate the potential for disturbance to human remains. Human remains associated with the burial of Native American inhabitants have previously been found on campus land. As discussed in Item V(b), the 2003 LRDP EIR will include a detailed assessment of potential program-level impacts on archaeological resources, including human remains, caused by implementation of the 2003 LRDP, and it will include project-specific assessments of potential impacts associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

Impact to be Analyzed in EIR	No Additional Analysis Required
------------------------------	---------------------------------

**VI. GEOLOGY AND SOILS**

**Would the project:**

**a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:**

<b>i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

The campus and the surrounding area are not located within an Alquist-Priolo Earthquake Fault Zone. The closest known active fault rupture zones mapped by the Department of Conservation are the Green Valley (approximately 32 miles southwest), Hunting Creek (approximately 36 miles northwest), and Rogers Creek (approximately 47 miles southwest) faults (CDOC 1999). Consequently, the 2003 LRDP would not expose people or structures to potential substantial adverse effects resulting from rupture of a known earthquake fault. No impact would occur and no additional analysis is required.

**ii) Strong seismic ground shaking?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

According to the California Geological Survey's Probabilistic Seismic Hazard Assessment for the State of California, the campus is located in an area that has a moderate to low probability of exceeding peak horizontal ground motion (CDOC 1996). Likely effects of groundshaking during a probable maximum intensity earthquake for the area could include structural damage to stucco, masonry walls, and chimneys, which could expose people to risks associated with falling objects and potential building collapse. Population growth and development under the 2003 LRDP could expose people and structures to potential substantial adverse effects associated with strong seismic ground shaking. The 2003 LRDP EIR will characterize the risk of on-campus and regional seismic ground shaking, and it will include a program-level evaluation of potential seismic impacts associated with development under the 2003 LRDP. The 2003 LRDP EIR will also address project-specific seismic effects associated with the proposed NMP, RPMP, and Stadium Complex will rely on this program-level evaluation.

The project-specific analysis of the proposed HCP would not address this issue because the project would not include the construction of structures.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**iii) Seismic-related ground failure, including liquefaction?**

<b>2003 LRDP, NPM, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Although liquefaction has not been identified as a development constraint on campus, the soils deposited in the Central Valley typically consist of loose alluvial deposits that could be susceptible to liquefaction. Therefore, population growth and development under the 2003 LRDP could expose people and structures to potential substantial adverse effects associated with secondary seismic effects such as liquefaction. The 2003 LRDP EIR will characterize the risk of seismic-related ground failure (including liquefaction) on campus and in the region, and it will include a program-level evaluation of potential impacts associated with development under the 2003 LRDP. The 2003 LRDP EIR will also address project-specific seismic related ground-failure effects associated with the NMP, RPMP, and Stadium Complex.

The project-specific analysis of the proposed HCP would not address this issue because the project would not include the construction of structures.

**iv) Landslides?**

The campus and the surrounding area are characterized by flat topography and therefore would not be subject to landslides. No impact would occur and no additional analysis is required.

**b) Result in substantial soil erosion or the loss of topsoil?**

The campus is underlain by soils with minimal to moderate hazard of erosion (Department of Agriculture 1972). Construction activities under the 2003 LRDP could result in increased rates of erosion. In addition, increased impervious surfaces under the 2003 LRDP could increase stormwater runoff, which could potentially increase rates of erosion. The 2003 LRDP EIR will characterize the campus' soils and will include a program-level evaluation of the potential for soil erosion and loss of topsoil under the 2003 LRDP. The 2003 LRDP EIR will also address the project-specific effects of soil erosion associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

**c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

As discussed in Item VI(a), the campus and the surrounding area are characterized by flat topography and therefore would not be subject to landslides. Although lateral spreading, liquefaction potential, and other unstable soil conditions have not been identified as development constraints on campus, the soils deposited in the Central Valley typically consist of loose alluvial deposits that could be susceptible to such conditions. In addition, subsidence due to groundwater withdrawal has been identified at a few off-campus locations in Yolo County. Therefore, development under the 2003 LRDP could potentially be located on unstable soils. The 2003 LRDP EIR will characterize the campus' soils and will include a program-level evaluation of the potential risks associated with soil stability and development under the 2003 LRDP. The 2003 LRDP EIR will also address the project-specific risks associated with soil stability and the proposed NMP, RPMP, Stadium Complex, and HCP.

**d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

<b>2003 LRDP, NPM, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Some soils underlying the campus are characterized as exhibiting a high shrink-swell potential (or the potential for volume change in soils with losses and gains in moisture). Damage from expansive soils can result in wall or structural failure. The 2003 LRDP EIR will characterize the campus' soils, and it will include a program-level evaluation of the 2003 LRDP and potential risks associated with expansive soils to structures and people. The 2003 LRDP EIR will also address the project-specific risks associated with expansive soils and the proposed NMP, RPMP, and Stadium Complex.

The project-specific analysis of the proposed HCP would not address this issue because the project would not provide for construction of structures.

**e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?**

<b>2003 LRDP, NMP</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>RPMP, Stadium Complex, HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

The campus wastewater treatment system serves most of the campus, although a few areas of campus (almost all of which are located in the west campus) are served by existing on-site septic disposal systems. Alterations to these systems and construction of new septic systems or alternate wastewater disposal systems could potentially occur under the 2003 LRDP. The 2003 LRDP EIR will characterize the campus' soils and will evaluate related potential risks associated with septic or alternate wastewater disposal under the 2003 LRDP. If the proposed NMP includes an alternative wastewater disposal system, the project-specific analysis would address this issue. Septic tanks and alternative wastewater disposal systems are not proposed as part of the RPMP, Stadium Complex, or HCP. Therefore, the project-specific analyses of these projects would not address this issue.

Impact to be Analyzed in EIR	No Additional Analysis Required
------------------------------------	--

**VII. HAZARDS AND HAZARDOUS MATERIALS**

**Would the project:**

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| <b>a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|

Construction activities under the 2003 LRDP would involve the use of various products that could contain hazardous materials (such as solvents, adhesives, cements, paints, cleaning agents, degreasers, and fuels used in construction vehicles). Other campus operations under the 2003 LRDP would also involve hazardous materials (chemical, radiological, and biohazardous), including laboratory activities, general maintenance, agriculture, and landscaping. In addition, soil or groundwater contamination could be present at areas that could be developed under the 2003 LRDP. Development of contaminated sites could potentially expose campus occupants and construction workers to hazardous materials.

The 2003 LRDP EIR will characterize hazardous materials transport, use, and disposal on campus, will identify projected increases in these activities that could occur under the 2003 LRDP, and will evaluate potential impacts associated with these increased activities. The 2003 LRDP EIR will also identify potentially contaminated sites on campus and will address potential impacts associated with development of contaminated sites. The project-specific analyses for the NMP, RPMP, Stadium Complex, and HCP will evaluate the potential risks associated with hazardous materials and the potential for project site contamination.

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| <b>b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|

As discussed in Item VII(a), the 2003 LRDP EIR will characterize hazardous materials (chemical, radiological, and biohazardous) transport, use, and disposal on campus. In addition, the 2003 LRDP EIR will assess the increase in these activities that could occur under the 2003 LRDP and will evaluate the potential impacts of such increased activity. The 2003 LRDP EIR would also evaluate the potential for the proposed NMP, RPMP, Stadium Complex, and HCP to create a significant hazard to the public or environment.

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| <b>c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

Existing schools within one-quarter mile of campus include the Martin Luther King High School on B Street in downtown Davis and the Grace Valley Christian Academy on County Road 98. Currently, there are no other existing or proposed Davis Joint Unified School District school sites within one-quarter mile of the campus (City of Davis 2000). However, as discussed in the Project Description section of this Initial Study, the campus is proposing a NMP that could potentially include elementary or high school facilities. In addition, child care centers are currently located on campus and development under the 2003 LRDP and associated with the NMP could include construction of additional child care facilities.

Campus activities under the 2003 LRDP could involve hazardous emissions and handling of hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. The 2003 LRDP EIR will characterize hazardous materials transport, use, and disposal on campus as well as increases projected in these activities under the 2003 LRDP, and it will evaluate the potential impacts of such increased activity, including potential exposure of, and effects on, children. The project-specific analyses for the NMP, RPMP, Stadium Complex, and HCP will also address this issue.

**d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

<b>2003 LRDP</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>NMP, RPMP, Stadium Complex, HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The campus currently has one hazardous materials site that is listed on the Department of Toxic Substances Control's Cortese List compiled pursuant to Government Code Section 65962.5: the Lab for Energy Related Health Research (LEHR) site located in the south campus north of the South Fork of Putah Creek. After site remediation activities are complete, development under the 2003 LRDP could potentially include construction on or near this site. The 2003 LRDP EIR will assess potential impacts associated with such construction. The proposed NMP, RPMP, Stadium Complex, and HCP project sites are not listed as hazardous materials sites. Therefore, the project-specific analyses of these projects will not address this issue.

**e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

<input checked="" type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

The University Airport (located in the west campus east of Hopkins Road) and the Yolo County Airport (located north of Russell Ranch) are public use airports. Development under the 2003 LRDP would place residents, workers, and campus facilities within two miles of these airports. The 2003 LRDP EIR will include a program-level evaluation of the potential airport safety hazard impacts associated with development under the 2003 LRDP, and it will include a project-specific analysis of potential safety hazards associated with development of the proposed NMP (that would be located approximately 1/4 mile from the University Airport). The project-specific analyses for the proposed RPMP, Stadium Complex, and HCP, which would occur within two miles of public use airports, would also address this issue.

<b>f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The University Airport is a public use airport, not a private airstrip. No other airport facilities are within the vicinity of the campus. No impact would occur and no further analysis is required. Refer to Item VII(e).

<b>g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The campus Emergency Operations Plan (EOP) includes detailed descriptions of actions to be taken in the event of an emergency. The campus EOP (online at <http://planit.ucdavis.edu/>) was first completed in 1996, and the campus' Emergency Preparedness Policy Group has reviewed and updated the plan annually to maintain readiness for potential new emergencies. Development under the 2003 LRDP could potentially exceed the campus' emergency response capabilities, which could impair implementation of the campus EOP. New development projects under the 2003 LRDP may have the potential to physically interfere with the campus EOP. The 2003 LRDP EIR will characterize the campus' emergency response plans and capabilities, and it will assess the effects of growth under the 2003 LRDP on the campus' ability to manage emergencies. The 2003 LRDP EIR will also address the potential for the proposed NMP, RPMP, Stadium Complex, and HCP to impair implementation of, or interfere with, the EOP.

<b>h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

Areas on campus along Putah Creek could be susceptible to wildland fires. Urbanization would not occur in close proximity to these areas because the 2003 LRDP would designate land along Putah Creek for Open Space and Teaching and Research uses, and it would designate land adjacent to these open areas primarily for Teaching and Research Fields and low density development. Therefore, the impact associated with exposure of people and structures to a significant risk involving wildland fires would be less-than-significant. No further analysis is required.

Impact to be Analyzed in EIR	No Additional Analysis Required
------------------------------------	--

---

### VIII. HYDROLOGY AND WATER QUALITY

#### Would the project:

**a) Violate any water quality standards or waste discharge requirements?**



Most stormwater runoff from campus ultimately drains to the South Fork of Putah Creek, the principal stream course in the Davis region. Small areas on the west campus drain either to the Covell Drain located in the City of Davis or are held on campus in retention ponds. The South Fork of Putah Creek also receives treated effluent discharged from the campus wastewater treatment plant. New development and campus activities associated with development under the 2003 LRDP could increase levels of sediment in stormwater runoff, adversely affecting receiving water quality. Increased impervious surfaces associated with development under the 2003 LRDP could also adversely affect receiving water quality by increasing levels of urban contaminants (such as oil, grease, metals, pesticides/herbicides, and entrained dust) in stormwater runoff. In addition, increased water use under the 2003 LRDP could increase wastewater discharge, which could exceed waste discharge requirements for water quality and/or quantity.

The 2003 LRDP EIR will characterize campus stormwater runoff and wastewater discharge, identify applicable water quality standards and waste discharge requirements, and evaluate if the 2003 LRDP would result in violation of applicable standards and/or requirements. The 2003 LRDP EIR will also address the project-specific water quality effects associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

**b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?**





**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

As discussed in Items VIII(a) and (d) above, development under the 2003 LRDP would increase impervious surfaces, which could increase the volume of surface water runoff and increase levels of urban contaminants in stormwater. The 2003 LRDP EIR will evaluate whether the existing/planned drainage system could accommodate increased runoff generated as a result of development under the 2003 LRDP, and it will evaluate potential impacts associated with stormwater pollution. The 2003 LRDP EIR will also address the project-specific effects on stormwater drainage systems associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

**f) Otherwise substantially degrade water quality?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Potential sources of water quality degradation under the 2003 LRDP are discussed in Items VIII(a), (c), and (e) above.

**g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?**

	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The 100-year floodplain on campus is generally located along Putah Creek and its South Fork and historic North Fork channels. A portion of the west campus along County Road 98 is also subject to inundation during a 100-year storm event. Housing proposed as part of the NMP would be constructed outside the campus' 100-year flood zones. Therefore, no impact would occur and no additional analysis is required. As discussed in Item VIII(d), the 2003 LRDP EIR will characterize campus-wide drainage patterns (including the 100-year flood zone), and it will evaluate the potential for flooding under the 2003 LRDP.

**h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>2003 LRDP</b>		
<b>NMP, RPMP, Stadium Complex, HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Impact to be  
Analyzed in  
EIR**                      **No  
Additional  
Analysis  
Required**

---

Development under the 2003 LRDP could potentially place structures within the 100-year floodplain, which could impede or redirect flood flows. The 2003 LRDP EIR will characterize the flood zones on campus, evaluate the potential for construction under the 2003 LRDP to occur in 100-year flood zones, and address the potential for construction in these zones to impede or redirect flood flows.

The proposed campus HCP would address land within the 100-year floodplain, but it would not provide for construction of structures within this area. The project-specific analysis of the proposed NMP, RPMP, and Stadium Complex would be constructed outside the 100-year floodplain. Therefore, no impact would occur and no additional analysis is required.

**i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?**                                           

The campus is located approximately 23 miles downstream of the Monticello Dam (forming Lake Berryessa) and approximately 15 miles downstream of the Putah Diversion Dam. An inundation study prepared by the U.S. Bureau of Reclamation shows that, in the highly unlikely case of a dam breach, the campus (as well as the City of Davis) would be inundated under a maximum of 3 to 9 feet of water approximately 3.5 to 4 hours following the breach (USBR 1998). However, the probability of such a release is far less than one in one million (USBR 2000). As of June 2000, Monticello Dam was determined to be in satisfactory condition, and the dam exhibited no unusual cracks, seeps, or deformations. In addition, the State Department of Dam Safety evaluates dams regularly, which would give adequate time to respond to any deterioration in the safety of the structure. Therefore, exposure of people or structures to inundation as a result of dam failure would be a less-than-significant impact and no further analysis is required.

As discussed in Item VIII(h), above, the 2003 LRDP EIR will characterize the flood zones on campus and will evaluate the potential for construction under the 2003 LRDP to occur in 100-year flood zones.

**j) Inundation by seiche, tsunami, or mudflow?**                                           

The campus is not subject to inundation by seiche, tsunami, or mudflow. The campus is generally flat and is not located in close proximity to any large water bodies. Therefore, no impact would occur and no further analysis is required.

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

**IX. LAND USE AND PLANNING**

**Would the project:**

**a) Physically divide an established community?**

The proposed 2003 LRDP, NMP, RPMP, Stadium Complex, and HCP would have no potential to physically divide an established community. The proposals would not include any physical barriers such as roads or other infrastructure that would divide an established community. No impact would occur and no additional analysis is required.

**b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?**

The 2003 LRDP would be the applicable land use plan for the campus through 2015-16. The proposed NMP, RPMP, Stadium Complex, and HCP would be consistent with the land use designations presented in the 2003 LRDP.

Land within the City of Davis' jurisdiction is subject to city policies that control the timing and location of future development proposals and mitigate certain environmental effects. Although the campus is not within the city's jurisdiction, the 2003 LRDP EIR will evaluate the potential for growth under the 2003 LRDP and development associated with the proposed NMP, RPMP, Stadium Complex, and HCP to directly or indirectly conflict with these policies.

**c) Conflict with any applicable habitat conservation plan or natural community conservation plan?**

No applicable habitat conservation plan or natural community conservation plan has been adopted that is applicable to the campus. UC Davis is proposing a campus HCP that will identify habitat enhancement, management, and mitigation actions to address potential impacts to endangered species and selected special-status species under the 2003 LRDP. The 2003 LRDP EIR will identify any potential conflicts between the proposed Habitat Conservation and development associated with the proposed 2003 LRDP, NMP, RPMP, and Stadium Complex.

Impact to be Analyzed in EIR	No Additional Analysis Required
------------------------------	---------------------------------

---

**X. MINERAL RESOURCES**

**Would the project:**

**a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?**           

Sand and gravel are important mineral resources in the region (CDOC 2000). However, natural gas is the only known or potential mineral resource that has been identified on campus. Natural gas can be extracted at wells placed considerable distances from deposits. Therefore, development under the 2003 LRDP would not impede extraction or result in the loss of availability of a known mineral resource. No impact would occur and no further analysis is required.

**b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**           

As discussed in Item X(a), development under the 2003 LRDP would not result in the loss of availability of any known mineral resources. No impact would occur and no further analysis is required.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**XI. NOISE**

**Would the project result in:**

**a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP could result in increases or changes in noise levels from sources such as construction activities, operation of buildings and infrastructure, airport use, and increased vehicular traffic. In addition, development under the 2003 LRDP could expose campus occupants to loud noises. The 2003 LRDP EIR will evaluate the potential for development under the 2003 LRDP to increase noise levels and expose people to noise levels in excess of local standards. The 2003 LRDP EIR will also include project-specific analyses of noise effects associated with the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not generate excessive noise levels, nor would it contribute to the campus population. Therefore, the HCP would not expose people to noise levels in excess of established standards. Therefore, the impact would be less-than-significant and no further analysis is required.

**b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The 2003 LRDP EIR will examine the potential for increased groundborne vibration or noise levels associated with development under the 2003 LRDP. Construction activities have been identified as potential sources of groundborne vibration and noise on campus. Therefore, the effects of specific construction practices will be evaluated. The 2003 LRDP EIR will also include project-specific analyses of potential effects associated with groundborne vibration or noise levels associated with specific development of the NMP, RPMP, and Stadium Complex.

The proposed HCP would not generate groundborne vibration, nor would it contribute to the campus population. Therefore, the project would not expose people to excessive groundborne vibration. Therefore, the impact would be less-than-significant and no further analysis is required.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Implementation of the proposed 2003 LRDP could result in a permanent increase in the ambient noise levels in the project vicinity due to increased traffic levels and operation of buildings and infrastructure. The 2003 LRDP EIR will analyze permanent increases in ambient noise levels caused by growth expected during implementation of the 2003 LRDP, and it will examine permanent noise increases caused specifically by implementation of the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not generate significant permanent noise that would increase ambient noise levels in the project vicinity. Therefore, the impact would be less-than-significant and no further analysis is required.

**d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?**

The 2003 LRDP could result in temporary and periodic increases of ambient noise levels. The 2003 LRDP EIR will examine the potential for construction activities, special events, and operation of emergency vehicles or other operations under the 2003 LRDP to increase ambient noise levels. The 2003 LRDP EIR will also analyze temporary or periodic increases in ambient noise levels caused by implementation of the proposed NMP, RPMP, Stadium Complex, and HCP.

**e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**



	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**XII. POPULATION AND HOUSING**

**Would the project:**

**a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP would result in population growth in the Davis area through increased employment and student enrollment. The expected increases in the on-campus population are provided in the Project Description section of this Initial Study. The proposed NMP may provide additional housing for students, staff, and faculty to respond to increased employment and enrollment. In addition, student housing on the central campus would provide housing for primarily first-year students. The 2003 LRDP EIR will evaluate the expected population growth caused by the 2003 LRDP, including population growth that would occur as part with the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not contribute to the campus population. Therefore, no impact would occur and no further analysis is required.

<b>b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The proposed 2003 LRDP would not displace existing housing. No impact would occur and no additional analysis required.

<b>c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

The proposed 2003 LRDP would not displace people. No impact would occur and no additional analysis required.

Impact to be Analyzed in EIR	No Additional Analysis Required
------------------------------	---------------------------------

---

**XIII. PUBLIC SERVICES**

**Would the project:**

**a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:**

**i) Fire protection?**

The UC Davis Fire Department provides fire protection, hazardous materials incident response, and emergency medical service on campus. Recent figures show the campus Fire Department employed approximately 18 professional line firefighters and eight student firefighters, in addition to fire prevention, supervisor, and technical personnel (Ebner 2001). Growth under the 2003 LRDP (including growth associated with the proposed NMP, RPMP, Stadium Complex, and HCP) would contribute additional campus building space and increased operations that could increase the demand for fire protection. The 2003 LRDP EIR will evaluate this increased demand, will compare this demand to existing and planned equipment and staffing levels, and will evaluate potential impacts associated with any new or altered facilities that would be required to meet this demand.

**ii) Police protection?**

The UC Davis Police Department provides police protection services for all buildings and facilities either owned or leased by UC Davis. Recent figures show the campus Police Department employed 31.5 sworn officers, in addition to other personnel including dispatchers and support staff (Chang 2001). Growth under the 2003 LRDP (including growth associated with the proposed NMP, RPMP, Stadium Complex, and HCP) would increase operations that could contribute to an increased demand for police protection services. The 2003 LRDP EIR will evaluate this increased demand, will compare this demand to existing and planned police equipment and staffing levels, and will evaluate potential impacts associated with any new or altered facilities that would be required to meet this demand.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**iii) Schools?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The Davis Joint Unified School District serves the City of Davis and portions of Yolo and Solano Counties. Growth under the 2003 LRDP would increase the campus population, which could increase the number of school-age children in the area. The 2003 LRDP EIR will evaluate the effects of increased demand for local schools that could occur under the 2003 LRDP (including the NMP, RPMP, and Stadium Complex), and it will evaluate potential impacts associated with any new or altered facilities that would be required to meet this demand. If the proposed NMP includes school facilities, the project-specific analysis in the 2003 LRDP EIR would address potential impacts associated with this construction.

The proposed HCP would not contribute to the campus population, and therefore would not contribute to a demand for school facilities. No impact would occur and no further analysis is required.

**iv) Parks?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The campus provides parks and open space that are available to the on-campus population as well as the general public. In addition, the City of Davis maintains several public park and recreation areas. Growth under the 2003 LRDP (including the NMP, RPMP, and Stadium Complex) would increase the on-campus population, which could increase demand for parks. The 2003 LRDP EIR will evaluate this increased demand and will evaluate potential impacts associated with any new or altered facilities that would be required to meet this demand. In addition, the 2003 LRDP EIR would include project-specific analyses of potential environmental effects that could result from construction of the Stadium Complex and the recreation fields proposed as part of the NMP.

The proposed HCP would not contribute to the campus population, and therefore would not contribute to a demand for parks. No impact would occur and no further analysis is required.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**v) Other public facilities?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The campus currently has four libraries that serve both the campus population and the general public: Shields Library, the Physical Sciences Library, the Law Library, and the Health Sciences Library. The Davis Library, a branch of the Yolo County Library, is located in the City of Davis. The 2003 LRDP EIR will evaluate the increased demand for library facilities under the 2003 LRDP (including increased demand associated with the NMP, RPMP, and Stadium Complex) and will evaluate potential impacts associated with any new or altered facilities that would be required to meet this demand.

The proposed HCP would not contribute to the campus population, and therefore would not contribute to demand for library facilities. No impact would occur and no further analysis is required.

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

**XIV. RECREATION**

**Would the project:**

**a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

UC Davis maintains a variety of indoor and outdoor recreational facilities and the City of Davis includes a substantial amount of recreational facilities ranging from developed parks with lighted playfields to open space greenbelts. The 2003 LRDP (including the proposed NMP, RPMP, and Stadium Complex) would increase the campus population, which could result in increased use of parks and recreational facilities. The 2003 LRDP EIR will evaluate the potential for this increased facility usage to cause or accelerate substantial physical deterioration.

The proposed HCP would not contribute to the campus population, and therefore would not contribute to a demand for parks and recreational facilities. No impact would occur and no further analysis is required.

**b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
---	--

---

Population growth associated with the proposed 2003 LRDP (including the proposed NMP, RPMP, and Stadium Complex) could increase the demand for new and expanded recreational facilities. In addition, the proposed 2003 LRDP provides for the construction and expansion of recreational facilities on campus, the proposed Stadium Complex would establish recreation fields and facilities on the central campus, and the proposed NMP would establish recreation fields on the west campus. The 2003 LRDP EIR will include a program-level analysis of the potential effects of development under the 2003 LRDP, and it will include a project-specific analysis of the potential environmental effects associated with construction of the Stadium Complex and the NMP.

The proposed HCP would not contribute to the campus population and therefore would not contribute to a demand for recreational facilities. No impact would occur and no further analysis is required.

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

**XV. TRANSPORTATION/TRAFFIC**

**Would the project:**

**a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP would result in increased traffic that may be substantial in relation to the existing roadway capacity. The 2003 LRDP EIR will include a detailed evaluation of increased traffic under the 2003 LRDP and will identify intersection and roadway deficiencies. The scope of the traffic analysis will include a detailed evaluation of intersections located on campus, in the City of Davis, and off I-80 and SR 113. The analysis will estimate the traffic conditions through 2015-16 with full implementation of the proposed 2003 LRDP and with traffic increases caused by other regional growth. The regional growth projections will be based on the SACMET regional traffic model. The traffic impact analysis will also include a ramp junction analysis of the freeway ramps at I-80/Old Davis Road and at SR 113/Hutchison Drive in the year 2015-16. The 2003 LRDP EIR will evaluate the project-specific traffic impacts that could result from implementation of the NMP, Stadium Complex, and RPMP developments.

Operation of the proposed HCP would not increase traffic, therefore no impact would occur and the project-specific analysis in the 2003 LRDP EIR will not address this issue.

**b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

As discussed in Item XV(a), the 2003 LRDP EIR will evaluate future intersection operations with growth under the 2003 LRDP and regional growth. In addition, the 2003 LRDP EIR will compare the future conditions caused by the proposed 2003 LRDP and cumulative growth to the level of service standards adopted by the Yolo County Congestion Management Agency. The 2003 LRDP EIR will also contain a detailed evaluation of the project-specific traffic impacts that could result from implementation of the NMP, Stadium Complex, and RPMP developments.

Operation of the proposed HCP would not increase traffic, therefore no impact would occur and no further analysis is required.

**c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP includes development of the proposed NMP approximately one-quarter mile from the existing University Airport. Due to the proximity of the proposed housing, the University may potentially propose to alter the primary air traffic patterns of the University Airport. The potential change would shift most of the existing aircraft usage from a counter-clockwise direction to a clockwise direction, which would result in aircraft approaching the airport from the west side rather than from the east. If proposed as part of the 2003 LRDP, the 2003 LRDP EIR will evaluate this change and will consider the safety risks to aircraft users and to the general public from the proposed change in air traffic patterns. The project-specific analyses of the proposed NMP, Stadium Complex, and RPMP would also address safety risks associated with the proposed air traffic pattern change.

Although the proposed HCP would identify management strategies for land within the vicinity of public use airports, the project would not establish new structures or contribute to the campus population. Therefore, the project would not involve safety risks associated with changes in air traffic patterns. No impact would occur and no additional analysis is required.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

The proposed 2003 LRDP would include alterations to roadways that could produce hazardous design features, and it would provide for land use changes that could result in incompatible uses of roadways from construction and farm equipment. The 2003 LRDP EIR will evaluate potential hazards caused by design features or incompatible roadway uses under the 2003 LRDP, and it will evaluate the potential for project-specific hazards associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

**e) Result in inadequate emergency access?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP would result in land use changes and development of land that could affect emergency access by requiring new service levels in areas previously not serviced by rapid emergency access, and by causing roadway changes that could hinder emergency access. The 2003 LRDP EIR will evaluate potential program-level impacts to emergency access and will evaluate project-specific emergency access for the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not establish new structures or contribute to the campus population. Therefore, the project would not require or result in inadequate emergency access. No impact would occur and no additional analysis is required.

**f) Result in inadequate parking capacity?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP would create additional demand for parking capacity. Additional parking capacity would be required to adequately provide automobile access for the future campus population and to ensure that campus users will not park in City of Davis neighborhoods. The 2003 LRDP EIR will evaluate the anticipated parking demand associated with the 2003 LRDP in comparison to the existing and proposed future parking supply. The 2003 LRDP EIR will also evaluate the project-specific need for increased parking to serve the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not increase parking demand, therefore no impact would occur and no further analysis is required.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed 2003 LRDP would provide additional options for implementing the extensive alternative transportation programs at UC Davis and in the City of Davis. However, the land uses proposed as part of the 2003 LRDP could result in an unintended conflict with existing alternative transportation programs. The 2003 LRDP EIR will evaluate bicyclist and pedestrian safety in the core campus, provision of adequate bicycle and pedestrian connections to new land uses, transit impacts of the 2003 LRDP, and efforts to decrease single-occupancy commuters to and from campus. The 2003 LRDP EIR will evaluate the potential effects of implementing the 2003 LRDP and the project-specific effects associated with the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not conflict with or increase demand for alternative transportation, therefore no impact would occur and no further analysis is required.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**XVI. UTILITIES AND SERVICE SYSTEMS**

**Would the project:**

**a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The Central Valley Regional Water Quality Control Board (CVRWQCB) regulates the quality and quantity of effluent discharged from the campus' wastewater treatment plant (WWTP). Growth under the 2003 LRDP could increase the volume of and/or degrade the quality of wastewater discharged to the WWTP. The 2003 LRDP EIR will characterize the CRWQCB's requirements, the campus' procedures for meeting these requirements, and projected increases in discharge under the 2003 LRDP. The 2003 LRDP EIR will also evaluate the 2003 LRDP to determine if the program could result in exceedances of CVRWQCB requirements. The 2003 LRDP EIR will also evaluate the potential for the proposed NMP, RPMP, and Stadium Complex to contribute to requirement exceedances.

The proposed HCP would not generate wastewater. Therefore, no impact would occur and no further analysis is required.

**b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

Growth under the 2003 LRDP could increase the volume of water use and the quantity of wastewater discharged to the WWTP. The 2003 LRDP EIR will evaluate the increased demand on water and wastewater treatment and conveyance facilities under the 2003 LRDP, and it will evaluate potential impacts associated with any new or expanded facilities that would be required to meet this demand. The 2003 LRDP EIR will also address the project-specific water and wastewater conveyance improvements needed to serve the proposed NMP, RPMP, Stadium Complex, and HCP.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The existing stormwater drainage system on campus consists of collectors, pump stations, transmission mains, and the Arboretum Waterway. Development under the 2003 LRDP would increase impervious surfaces, which could increase the volume of stormwater drainage. The 2003 LRDP EIR will characterize campus-wide drainage, will evaluate the increased demand for stormwater drainage facilities under the 2003 LRDP, and will evaluate potential impacts associated with any new or altered drainage facilities required to meet this demand. The 2003 LRDP EIR will also address the project-specific stormwater drainage improvements needed to serve the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not require stormwater drainage improvements. Therefore, no impact would occur and no additional analysis is required.

**d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?**

Shallow/intermediate and deep groundwater aquifers are used on campus and regionally for domestic, municipal, and industrial uses. The campus also uses surface water to irrigate some of its agricultural fields. Growth under the 2003 LRDP (including growth associated with the proposed NMP, RPMP, Stadium Complex, and HCP) could increase demand for water supplies. The 2003 LRDP EIR will characterize existing water supplies, will evaluate anticipated increases in demand, and will determine if this demand could result in new or expanded entitlements.

**UC DAVIS**  
**2003 LONG RANGE DEVELOPMENT PLAN**

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the providers existing commitments?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

As discussed in Item XVIb, the 2003 LRDP EIR will evaluate the increased demand on wastewater treatment and conveyance facilities associated with the proposed 2003 LRDP, NMP, RPMP, and Stadium Complex.

The proposed HCP would not generate wastewater. Therefore, no impact would occur and no further analysis is required.

**f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?**

UC Davis operates a Class III sanitary landfill and provides solid waste collection and disposal services for the campus. The permitted capacity of the landfill is 500 tons per day, and the campus currently generates approximately 40 to 50 tons of solid waste per day. The landfill unit currently being used has an anticipated life to 2030. The Yolo County Landfill is currently permitted through 2021 (Yolo County 2001). The 2003 LRDP EIR will evaluate whether the existing landfill capacity would be sufficient to accommodate growth under the 2003 LRDP, including growth associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

**g) Comply with federal, state, and local statutes and regulations related to solid waste?**

As discussed in response to Item XVI(f), the 2003 LRDP EIR will evaluate whether the existing landfill capacity would be sufficient to accommodate growth under the 2003 LRDP. In addition, the 2003 LRDP EIR will evaluate compliance with federal, state, and local statutes and regulations related to solid waste disposed under the 2003 LRDP, including solid waste disposal associated with the proposed NMP, RPMP, Stadium Complex, and HCP.

	<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
--	-------------------------------------	--

---

**h) Require or result in the construction of new electrical or natural gas facilities or expansion of existing facilities, the construction of which would cause significant environmental effects?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The main campus receives power from outside providers through the campus' electrical substation located south of I-80. The main campus also receives power from the campus cogeneration plant located in the Central Heating and Cooling Plant facility on the core campus. Development under the 2003 LRDP would increase demand for electricity and natural gas. The 2003 LRDP EIR will evaluate this increased demand and will evaluate potential impacts associated with any new or expanded facilities that would be required to meet this demand. The 2003 LRDP EIR will also address the project-specific electrical and natural gas improvements needed to serve the proposed NMP, RPMP, Stadium Complex.

The proposed HCP would not require electrical or natural gas improvements. Therefore, no impact would occur and no further analysis is required.

**i) Require or result in the construction of new telecommunications facilities or expansion of existing facilities, the construction of which would cause significant environmental effects?**

<b>2003 LRDP, NMP, RPMP, Stadium Complex</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>HCP</b>	<input type="checkbox"/>	<input type="checkbox"/>

The campus' main telecommunications switching facility is located in the Telecommunications Building on the central campus east of the Central Heating and Cooling Plant. The majority of campus voice and data switching equipment and network infrastructure facilities are owned by the campus and operated by the UC Davis Communications Resources Service. Development under the 2003 LRDP would increase demand for telecommunications. The 2003 LRDP EIR will evaluate this increased demand and will evaluate potential impacts associated with any new or altered facilities that would be required to meet this demand. The 2003 LRDP EIR will also address the project-specific telecommunications improvements needed to serve the proposed NMP, RPMP, and Stadium Complex.

The proposed HCP would not require telecommunications improvements. Therefore, no impact would occur and no additional analysis is required.

<b>Impact to be Analyzed in EIR</b>	<b>No Additional Analysis Required</b>
-------------------------------------	--

---

**XVII. MANDATORY FINDINGS OF SIGNIFICANCE**

**a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?**

■                      □

The 2003 LRDP EIR will evaluate the proposed 2003 LRDP, NMP, RPMP, Stadium Complex, and HCP to determine if the projects have the potential to result in significant impacts that could degrade the quality of the environment, reduce habitat for a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory.

**b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?**

■                      □

The 2003 LRDP EIR will evaluate whether impacts associated with growth under the 2003 LRDP (including the proposed NMP, RPMP, Stadium Complex, and HCP), in combination with past, current, and probable future projects, have the potential to be cumulatively considerable.

**c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?**

■                      □

As discussed in the checklist sections above, the proposed 2003 LRDP, NMP, RPMP, Stadium Complex, and HCP have the potential to result in significant impacts. The 2003 LRDP EIR will evaluate if these impacts have the potential to result in substantial adverse effects on human beings, either directly or indirectly.

#### 4. REFERENCES

Board of Regents of the University of California. 2000. January 20, 2000 Committee on Education Policy. Meeting Minutes. <http://www.ucop.edu/regents/minutes/2000/edpo1100.pdf>

California Department of Conservation. 1990. Yolo and Solano Counties Important Farmland Maps.

California Department of Conservation, Division of Mines and Geology (currently California Geological Survey). 1996. Open-File Report 96-08 - Probabilistic Seismic Hazard Assessment for the State of California. <http://www.consrv.ca.gov/CGS/rghm/psha/ofr9608/index.htm>

------. 1999. Special Publication 42, Fault Rupture Hazard Zones in California. Special Publication dated 1997, Supplements added in 1999.

------. 2000. Map of Principle Mineral Producing Localities.

City of Davis. 2000. Draft Program EIR for the City of Davis General Plan Update and Project EIR for Establishment of a New Junior High School.

Chang, Cecilia. 2001. Personal communication with Cecilia Chang, UC Davis Police Department. February 2001.

Department of Agriculture, Natural Resources Conservation Service. 1972. Soil Survey Geographic database for Yolo and Solano Counties.

Ebner, John. 2001. Personal communication with John Ebner, UC Davis Fire Department. February 2001.

Grey, Robert D. 2001. Academic Plan for UC Davis, The Capstone Report. June 2001.

Keyser Marston Associates. 2000. Memorandum to John Yates, Special Projects Director, UC Davis. November 8, 2000.

UC Davis. 2002. Office of Resource Management and Planning, Campus Population and Space Tracking through 2015-16.

US Bureau of Reclamation. 1998. Monticello Dam Breach Simulation Maximum Inundation and Leading Edge Times (Map).

US Bureau of Reclamation. 2000. Comprehensive Facility Review, Monticello Dam, Solano Project, California.

Yolo County Central Landfill. 2001. Personal Communication. December 14, 2001.